



In the United States Patent and Trademark Office

Application No.: 09/839,476
Filed: 04/20/2001
Title: System and Methods for Recognizing Sound and Music Signals in High Noise and Distortion
Applicant(s): Avery Li-Chun Wang et al.
Examiner: Not assigned
Art Unit: 2171

Mailed 8/27/02
Santa Clara, CA

Information Disclosure Statement

Commissioner of Patents and Trademarks
Washington, District of Columbia 20231

Dear Sir or Madam:

Attached is a completed Form PTO-1449 and copies of the pertinent parts of the references cited thereon. It is requested that the document(s) on the enclosed form be made of record.

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Part I (Authority)

Technology Center 2100

This statement is filed pursuant to:

☒ 37 C.F.R. § 1.97(b).

This information disclosure statement is filed either (1) within three months of the filing date of the national applications; (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application; or (3) before the mailing date of a first office action on the merits, whichever event occurs last.

Accordingly, this information disclosure statement requires no fee and no certification.

☐ 37 C.F.R. § 1.97(c).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97(b), but before the mailing date of either (1) a final action under 37 C.F.R. § 1.113 or (2) a notice of allowance under 37 C.F.R. § 1.311.

Accordingly, this information disclosure statement requires either the fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) (\$180), or a certification according to 37 C.F.R. § 1.97(e).

☐ 37 C.F.R. § 1.97(d).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97(c).

Accordingly, this information disclosure statement requires the petition fee specified in 37 C.F.R. § 1.17(i)(1) to consider an information disclosure statement under 37 C.F.R. § 1.97(d) (\$130), a certification according to 37 C.F.R. § 1.97(e), and a petition requesting consideration of the information disclosure statement.

Conditional Petition

It is respectfully requested that this information disclosure statement be considered, good cause being presented in Part III herein (certification). please treat this paper as the required petition.

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. § 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record.

To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

Part II (Payment)

A check is enclosed as indicated:

- ☒ (X) No fee is due.
- ☐ () The fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) is enclosed \$180).
- ☐ () The petition fee specified in 37 C.F.R. § 1.17(i)(1) to consider an information disclosure statement under 37 C.F.R. § 1.97(d) is enclosed (\$130).

Part III (Certification)

Pursuant to 37 C.F.R. § 1.97(e), I certify:

- ☒ (X) No certification is necessary.
- ☐ ()
 - (1) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement.
 - ☐ () The "communication from a foreign patent office" referred to in the certification is an International Search Report, possibly issued by the U.S. Patent and Trademark Office in its capacity as an International Search Authority or International Preliminary Examining Authority.
 - ☐ () The "counterpart foreign application" referred to in the certification corresponds to an ancestor or descendent application of the application for which this information disclosure statement is filed.
- ☐ () (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of the statement.

Part IV (Additional Statement)

An additional statement regarding these items of information () is, (X) is not, enclosed.

Copies of the cited art (X) are enclosed, () are of record in parent application Serial No. _____ and will be provided if the Examiner deems it convenient.

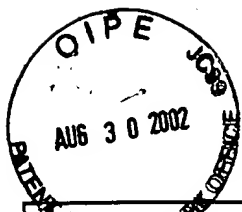
Dated:

8/27/02

Respectfully submitted,



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Santa Clara, CA 95051
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#4

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|---|--|--------------------------|
| U.S. DEPARTMENT OF COMMERCE | ATTY. DOCKET NO. SHZ-101 | SERIAL NO. 09/839,476 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | APPLICANT Avery Li-Chun Wang et al. | |
| | FILING DATE 04/20/2001 | GROUP 2171 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | RELEVANT INFORMATION |
|---------------------|---|--------------------|---------|---------------|-------------------------|
| | A | 5 9 1 8 2 2 3 | 6/29/99 | Blum et al. | 707/1 |
| | B | 4 8 5 2 1 8 1 | 7/25/89 | Morito et al. | 381/46 |
| | C | | | | |
| | D | | | | |
| | E | | | | |
| | F | | | | |
| | G | | | | |
| | H | | | | |

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FOREIGN PATENT DOCUMENTS

| | 2- letter code | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION |
|--|----------------------|-----------------|-----------|---------|-------------|
| | | | | | YES NO |
| | I | WO 01/88900 A2 | 11/22/01 | PCT | |
| | J | WO 01/88900 A1 | 1/18/2001 | PCT | |
| | J' | WO 01/88900 A3 | 11/22/01 | PCT | |

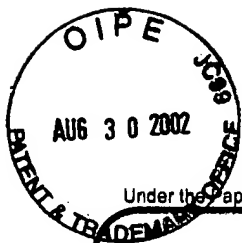
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|---|---|
| | K | Sharlene A. Liu, "Landmark detection for distinctive feature-based speech recognition," J. ACOIUST. SOC. AM. 100 (5), NOVEMBER 1996, PP. 3417-3430. |
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EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



4 BT 2127
9-12-02

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0850-0091
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | |
|------------------------|--------------------|
| Application Number | 09/839,476 |
| Filing Date | 04/20/2001 |
| First Named Inventor | Avery Li-Chun Wang |
| Group Art Unit | 2127 |
| Examiner Name | |
| Attorney Docket Number | SHZ-101 |

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

- | | | |
|---|---|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
|---|---|--|

Remarks

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---------------------------------|
| Firm or Individual name | Dr. Ron Jacobs, Reg. No. 50,142 |
| Signature | |
| Date | 8/27/02 |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 8/27/02

Typed or printed name

Jacqueline Guerro

Signature

Date

8/27/02

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